Mis.	IN THE UNITED STATES PATENT AND TRADEMARK OFFICE					
CO BADEN	In re P	atent Applica	ation of:			
	Kyung-	-geun LEE e	t al.			
	Applica	ation No.: 10	)/798,271		Group Art Unit:	
•	Filed:	March 12, 2	004		Examiner:	
÷	For:		ION STORAGE N		METHOD OF RECORDING AND/OR	
			INFORMAT	TON DISCLOS	SURE STATEMENT	
. इंग्डिंग	Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450					
<b>À</b> ,	Sir:					
	In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is herel provided certain information which the Examiner may consider material to the examination the subject U.S. patent application. It is requested that the Examiner make this information record if it is deemed material to the examination of the subject application.					
Enclosures accompanying this			accompanying thi	s Information	Disclosure Statement are:	
		1a.	application or a find English language each non-English Explanations of I providing a conclust of Copending	tion.  Jage copy of some copy o	search report(s) from a counterpart foreign onal Search Report. complete or relevant portion(s)) attached to ablication. References (ATTACHMENT 1(e), hereto) for n of each non-English publication. (ATTACHMENT 1(f), hereto). (COUNTER OF THE	
	2. 🛛	This Infor			filed under 37 CFR §1.97(b):	
		2a. 🗍	•		a or 2b or 2c or 2d)	
		<b>2</b> u. [_]			ation under § 1.53(d);	

§ 1.491 in an international application.

Continued Examination under § 1.114.

2b.

2c. 🖂

2d.

Within three months of the date of entry of the national stage as set forth in

Before the mailing of a first Office Action after the filing of a Request for

Before the mailing of a first Office Action on the merits; or

Serial No.: 10/798,271

3.	This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND  (Check either Item 3a or 3b; Item 3b to be checked if					
	3a. 🗌 3b. 🗍	any reference known for more than 3 months)  The §1.97(e) Statement in Item 5 below is applicable; OR  The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.				
		to be charged to Deposit Account No. 19-3935.				
4.		mation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:				
		<ul><li>enclosed.</li><li>to be charged to Deposit Account No. 19-3935.</li></ul>				
5.	Statement under § 1.97(e) (applicable if Item 3a or Item 4a is checked)					
		(Check either Item 5a or 5b)				
	5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.				
	5b.	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
6.	This is a o 1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §				
		(Check appropriate Items 6a and/or 6b)				
	6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).				
	6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.				

Serial No.: 10/798,271

7.		This is a continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114.				
			(Check either Item 7a or 7b)			
		7a 7b	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.			
8.		This is	a Supplemental Information Disclosure Statement. (Check either Item 8a or 8b)			
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS car be considered as if properly filed on .			
		8b. 🗌				
9.			lance with 37 CFR § 1.98, a concise explanation of what is presently od to be the relevance of each non-English language publication is:			
			(Check appropriate Items 9a, 9b, 9c and/or 9d)			
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.)			
		9b.     9c.	set forth in the application. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.			
		9d. 🗌	enclosed as Attachment 1(e), hereto.			
10.	be tha	e, materi an searc	sion is made that the information cited in this Statement is, or is considered to all to patentability nor a representation that a search has been made (other ch report(s) from a counterpart foreign application or a PCT International eport, if submitted herewith). 37 CFR §§ 1.97(g) and (h).			

Serial No.: 10/798,271

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Dated: 5-08-04 1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501 Michael E. Kondoudis

Registration No. 42,758



## LIST OF COPENDING APPLICATIONS

	ATTACHMENT 1(t)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1740	10/798,271
FIRST NAMED INVENTOR	
Kyung-geun LEE et al.	
FILING DATE	GROUP ART UNIT
March 12, 2004	

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

## **U.S. PATENT APPLICATION DOCUMENTS**

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
	1	10/798,284	3/12/2004	Kyung-geun LEE et al.	Samsung Electronics Co., Ltd.
<u></u>	2		<del></del>		
	3				
	4	-			
	5	-			
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through			
citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			